

IN THE SPECIFICATION

Please amend the specification as follows:

The paragraph beginning at page 1, line 7 is amended as follows:

This patent application is related to U.S. Patent Application No. 09/861,770 filed on May 22, 2001, and entitled "Method of forming three-dimensional photonic band structures in solid materials," now issued as U.S. Patent 6,582,512, which ~~Patent Application~~ is incorporated herein by reference. This patent application is also related to U.S. Patent Application No. [[_____]] 10/053,003, ~~co-filed with the present application~~ filed on January 17, 2002, and entitled "Three-dimensional complete bandgap photonic crystal formed by crystal modification," which ~~Patent Application~~ is incorporated herein by reference.

The paragraph beginning at page 9, line 13 is amended as follows:

As mentioned above, the 3D photonic crystal waveguide structure of the present invention requires the formation of a complete bandgap 3D photonic crystal. However, certain 3D photonic crystals formed with certain space group symmetries and voids of a given size and/or shape may not provide the necessary complete photonic bandgap at one filling ratio but may do so at another. Thus, the present invention includes a method of forming a waveguide structure using a 3D photonic crystal modified to form a complete bandgap. A technique for forming a modified 3D photonic crystal structure is described in U.S. Patent Application No. [[_____]] 10/053,003, filed on [[_____]] January 17, 2002 and entitled "Three-dimensional complete photonic bandgap crystal formed by crystal modification," which ~~Patent Application~~ is incorporated by reference herein.